

## ENGINE MOUNTING (see also ALL COMPONENTS, WINGS, and FUSELAGE):—

	Design Leaflet	Paragraph
<i>Stressing requirements</i>		
As for Wings or Fuselage, front, with following additions :—		
Engine mounting in wings .. .. .	B.3	4
Gravity loads acting alone .. .. .	B.3	4
Landing—as for undercarriage .. .. .	B.2	7, 8, 9
Side load .. .. .	B.3	4
Static thrust and torque .. .. .	B.2	7
Turning in flight .. .. .	B.3	4
<i>Other requirements</i>		
As for Wings or Fuselage, front, with following addition :—		
Cowling, fastening of .. .. .	Z.3	17
Engine requirements (no detailed index) .. .. .	C Leaflets.	
Fabric and stringing, to approved specifications only .. .. .	B.5	12

## FIN AND RUDDER (see also ALL COMPONENTS) :—

<i>Stressing requirements</i>		
Aerials, attachment of .. .. .	B.3	19
Side load, multi-engined aeroplanes .. .. .	B.3	6
Side load, single-engined aeroplanes .. .. .	B.3	5
Strength of mass-balance arm .. .. .	B.3	25
Tail-to-wind case .. .. .	B.3	13
Unsymmetrical tail plane load .. .. .	B.3	10, 11
Wires cut .. .. .	B.3	17
<i>Other requirements</i>		
Aerials—see AERIALS.		
Clearance between fin and rudder .. .. .	Z.3	10
Doping .. .. .	B.5	12
Dural tubes thinner than 22 G. .. .. .	B.5	18
Fabric and stringing .. .. .	B.5	12
Fasteners for inspection doors .. .. .	Z.3	17
Flutter, prevention of .. .. .	B.5	4
Locking of controls .. .. .	Z.3	12
Mass-balance .. .. .	B.5	4
Servo rudders .. .. .	B.5	8
Servo rudders .. .. .	B.5	4
Streamline wires .. .. .	Z.3	7
Toe straps .. .. .	Z.3	18
Wiring lugs .. .. .	Z.3	4
Fire prevention .. .. .	G.1	—
Fireproof bulkhead—see ENGINE INSTALLATION.		

## FITTINGS (see also ALL COMPONENTS) :—

Drilling and sweating T.2 tubes .. .. .	Z.3	3
Flattening ends of tubes .. .. .	Z.3	2
High tensile steel pins in control circuits .. .. .	Z.3	22
Locking of thermometer bulb nuts .. .. .	Z.5	2
Provision of fillets in metal sections .. .. .	Z.3	5
Tab washers .. .. .	Z.3	9
Wiring lugs .. .. .	Z.3	4

## FLAPS AND TABS (see also ALL COMPONENTS) :—

Control circuits operating flaps and tabs—see CONTROL CIRCUIT.		
Elevator trimming tabs .. .. .	B.3	8
Flutter, prevention of .. .. .	B.5	1, 2
Limitation of downward adjustment of tabs .. .. .	B.5	3
Speed restriction with flaps down .. .. .	B.3	3
Trailing edge flaps, strength of wings fitted with .. .. .	B.3	3

## FLIGHT REQUIREMENTS :—

Amphibians .. .. .	F.1, F.2	—
Applicant's flight tests .. .. .	F.3	—
Landplanes .. .. .	F.1	—
Relaxation of take-off and landing requirements for long range aeroplanes .. .. .	F.1	10
Seaplanes .. .. .	F.2	—